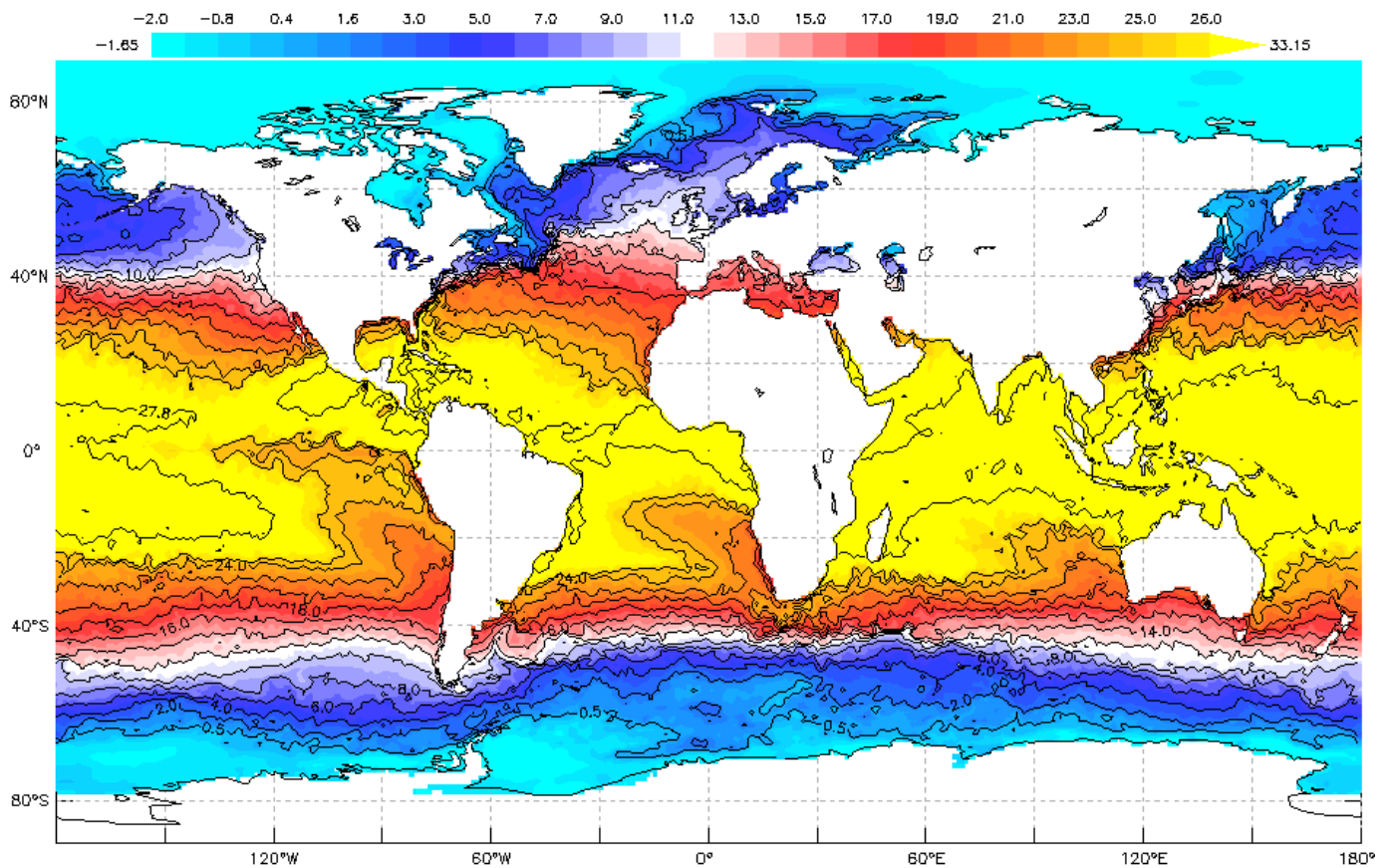


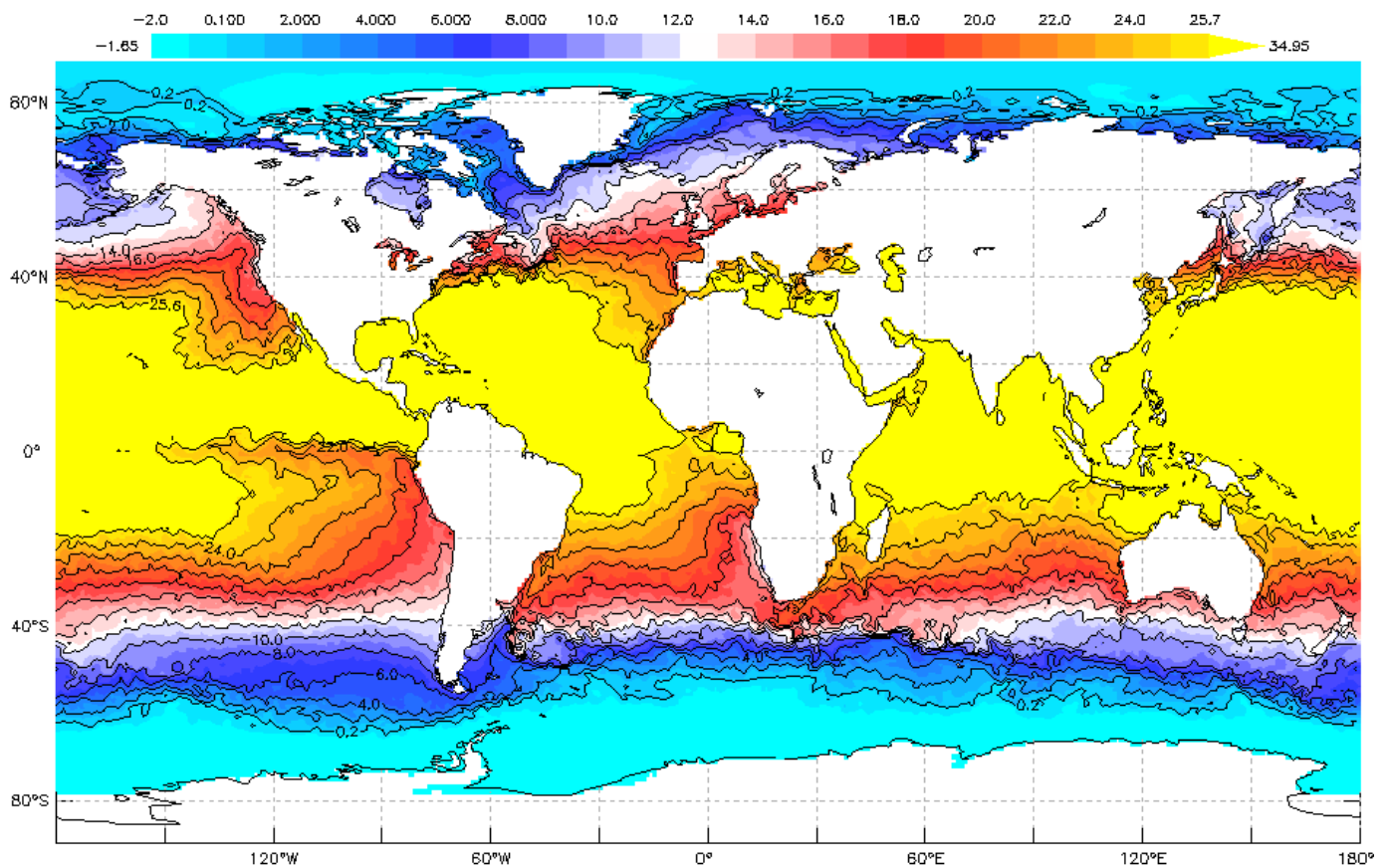
My NASA Data - Mini Lesson

Daily Sea Surface Temperatures



Mini Lesson

Students observe images of daily average sea surface temperatures taken during 2017, as they analyze the plots for evidence of changes that are occurring throughout the year.



Procedures:

1. Analyze the four seasonal global images from the **Document Resources**.
2. What chronological order should these images be found in?
3. Identify and describe the seasonal cycles for sea surface temperature throughout the year.
Use the following guiding questions:
 1. What changes do you see through the year? What explanations can you suggest for these patterns?
 2. Choose a location or region. During which months do the extreme highs and lows occur? What explanations can you suggest for the timing of those extremes?
 3. Which regions experience both the extreme highs and lows? Why do you think this happens?
 4. Are there regions that remained relatively unchanged over the year? Why do you think this happens?

[Hint: if you have trouble locating significant changes, focus your attention on one location on the image throughout the year.]

Teachers who are interested in receiving the answer key, please contact MND from your school email address at larc-mynasadata@mail.nasa.gov.

Earth System Data Explorer

- [Daily Sea Surface Temperature](#)

